

AC 4455 (1) Loughborough
Borough of Loughborough.



ANNUAL REPORTS

OF THE

Medical Officer of Health

AND

Sanitary Inspector,

FOR THE

YEAR ENDING DECEMBER 31st, 1926.

LOUGHBOROUGH:
TOPPINGS LIMITED, PRINTERS,
1, WOOD GATE.

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PUBLIC HEALTH STAFF.

N. B. M. BLACKHAM, Medical Officer of Health.

HAROLD BINTCLIFFE, Sanitary Inspector.

Cert. Royal San. Inst. as San. Inspector.

Cert. Royal San. Inst. as Inspector of Meat and other Foods.

Cert. San. Inspters. Assoc. Examination Board as Sanitary Inspector.

W. J. MUNTON, Assistant, Sanitary Department.

NURSE SHEPPARD, Health Visitor.

Report of Medical Officer.

To the Town Council of the Borough of Loughborough.

I have the honour to present to you my Annual Report for the year 1926.

Area (Acres),	3045.
Population (Census 1921—26230).	
„ Estimated 1926—26,450.	
No. of Inhabited Houses 1921 5860. 1926.	6170.
„ Families or separate occupiers 1921	6045.
Average Number of Persons per house ...	4.3.
Rateable value 1926 ... £125,278	15s. 6d.
Sum represented by 1d. rate	£447 10s. 0d.

The Borough of Loughborough is situated in the Valley of the River Soar, west of that River, which forms the eastern boundary of the Borough. The ground levels vary from 120 feet above O.D. in the neighbourhood of the Meadows adjoining the river to 200 O.D. on the south western side of the Borough. The district between the Leicester Canal and the river is comparatively level, whilst the remainder of the Borough is undulating. The Hermitage Brock drains the lower levels above referred to, and the Woodbrook and Burleigh Brook drain the higher levels towards the Charnwood Forest into the River Soar. The district to the north east of the Midland Railway is practically unbuilt

upon, the bulk of the property being built upon the higher levels. The Subsoil in the lower levels is drift gravel overlying the upper Keuper Marls, and varies in thickness from 5-20 feet, and the saturating level is about 4 feet below the surface. In the remaining parts of the town the subsoil is practically the same, except that the thickness of the gravel varies considerably, in certain parts of the town there being only a few inches and in other parts it runs from 10 to 15 feet chiefly in 'pockets.' Subsoil water level would average 10 feet below the surface in the town other than the district east of the Midland Railway.

Water Supply.

The water supply of the district is derived from the uplands of Charnwood Forest, a sparsely populated district, most of which is grass land. The water has no plumbo-solvent action and is collected from the sources of supply of the Blackbrook and Woodbrook, each stream having a separate reservoir in which the water is stored. The Blackbrook is the larger, as also is the reservoir, and stands on a higher altitude, so that the water gravitates therefrom to the Woodbrook reservoir at Nanpantan, where ample means of filtering of the most recent type are available to render the water free from all risks of pollution. The supply is ample and continuous.

Occupation of Inhabitants.

The inhabitants are employed chiefly in Hosiery factories and Dyeing workshops, which employ a considerable proportion of female labour. The Health conditions in the factories and workshops compare favourably with other towns of the same size. There are also several large Engineering firms employing mostly men, in which the Health conditions leave nothing to be desired.

Rivers and Streams.

There is no pollution of rivers or streams from the Borough as the sewage effluent is good.

Closet Accommodation.

Total No. in district at end of year :—

Privies 7 ; Pail Closets 517 ; W.C.s 6818 ; 147 Pail Closets were converted to W.C.s during the year. 244 new W.C.s were provided. Pail Closets and Privies are being gradually converted, this authority contributing £5 towards the cost of each conversion.

Sewage and Sewage Disposal.

The town generally is sewered on the 'Combined' system, but the more recently sewered districts are provided with sewers designed for the partially separate system. The whole of the built up and partly built up areas are sewered except Leicester Road south of the Grammar School Brook. The sewage is delivered by gravitation to the Sewage Disposal Works where, after screening, up to three times the dry weather flow is pumped and treated by settlement in Dortmund Tanks with a capacity of slightly over half the daily d.w.f. After settlement about two-thirds of the sewage is treated by irrigation on the farm, the land being laid out in narrow plots with grips and is suitably under-drained. The remaining one-third is dealt with by four 80' 0'' diameter bacteria beds with revolving distributors, the media averaging 4' 9'' in depth, and after settlement in humus tanks the effluent is discharged into the River Soar.

Storm water from 3 to 6 times the dry weather flow is pumped into Storm Water Tanks and treated as storm water.

Storm overflows are provided on the trunk sewers and volumes in excess of 6 times the d.w.f. are discharged into the various water courses.

Rainfall for 1926.

January	...	2.75
February	...	3.37
March	...	0.89
April	...	1.80
May	...	2.78
June	...	2.77
July	...	1.69
August	...	1.78
September	...	0.60
October	...	2.40
November	...	4.26
December	...	0.85
Total		<u>25.94</u>

Method of Dealing with Infectious Diseases.

The Council has joined with the County Joint Hospital Committee, which provides Isolation Hospital treatment for all cases of Infectious Diseases.

In Hospital January 1st, 1926	...	...	7
Admitted during 1926, Diphtheria	18 ;	Scarlet Fever	71, 89
Died	...	1 ;	2 3
Discharged	...	15 ;	64 79
Remaining in Hospital December 31st, 1926	...	...	7

Disinfection is accomplished by :— (1) the steam disinfecter at the Sewage Farm ; (2) fumigation with Sulphur and Formic Aldehyde, and (3) spraying with Izol, Formalin and Perchloride of Mercury.

Tuberculosis

This Council has arranged to join the County Scheme for Sanatorium and Hospital treatment. Health Visitors have been appointed to visit and advise all cases of tuberculosis. The rooms occupied by the Patients are periodically disinfected by the Sanitary Inspector with Formalin and when a death occurs, or a removal takes place, the rooms are fumigated and the paper stripped off the walls and the rooms washed with a solution of disinfectant and limewashed, and the beds, etc., put through the steam disinfecter.

Infectious Diseases Notified.

Cases of Infectious Diseases were notified during the year viz : Scarlet Fever 84, Diphtheria 30, Chicken Pox 131, Encephalitis Lethargica 1, Acute Polio Myelitis 6, Polio Encephalitis 1, Erysipelas 10, Pneumonia 1, Puerperal Septicemia 1, Pulmonary Tuberculosis 48, other Tuberculous Diseases 5, Ophthalmia Neonatorum 1.

Scarlet Fever

84 Cases of this disease were notified. 71 Cases were removed to the Isolation Hospital.

Diphtheria.

30 Cases of this disease were notified. 18 Cases were removed to the Isolation Hospital.

Midwives Act 1902.

The County Council carry out this Act.

Births.

The total number of Births registered in the Borough was 432, which is 7 more than last year and is 60 below the average of the last 5 years, and is an annual birth rate of 16·3 per thousand. Of these births 241 were Boys and 191 Girls. 12 of these births were illegitimate.

Vital statistics of the year.

Births.		Total	M.	F.	} Birth rate 16·3
Legitimate	...	420	234	186	
Illegitimate	...	12	7	5	
Total		432	241	191	

Number of Women dying in, or in consequence of, child birth, 2.

Mortality.

The total number of deaths registered in the Borough was 298. From this must be deducted 29 of persons not belonging to the Borough and 17 added of Loughborough residents which were registered outside the Borough, which gives the correct number of Loughborough residents as 286, which is 24 less than last year and 22 below the average of the last five years, and is an annual death rate of 10·8 per thousand. (The Death rate for England and Wales for the year was 11·6).

Infant Mortality.

Deaths of Infants under one year of age per 1000 births :—
 Legitimate 64·2. Illegitimate 166·6. Total 67·1.

The total number of Deaths under one year of age 29, which is 2 less than last year, and 11 below the average of the last 5 years, and is an infant mortality of 67·1 per thousand births registered. The Infantile Mortality rate for England and Wales was 70 per thousand births registered.

Deaths from Measles	...	2
Deaths from Whooping Cough (all ages)	...	6
Deaths from Diarrhoea (under 2 years of age)	...	1

Infant Mortality for the past 5 years.

1921	...	88·6
1922	...	84·9
1923	...	84·8
1924	...	74·0
1925	...	72·9

There has been a steady decline in the Infant Mortality rate during recent years, due to improved Sanitation, knowledge imparted to Mothers at Infant Welfare Centre by Nurse and Voluntary Helpers, and a cleaner Milk Supply.

Zymotic Diseases.

The Total number of Deaths from Zymotic Diseases including Diarrhoea and Influenza is 60 which is 3 more than last year.

Prevention of Disease.

In order to prevent Summer Diarrhoea during the summer months 48 house rooms were sprayed with a solution to kill flies. This precaution again proved very successful.

Bacteriological Examinations.

During the year 384 specimens were examined at the County Laboratory by Dr. Fairer, County Medical Officer. I have found these examinations very helpful and wish gratefully to thank Dr. Fairer for the assistance. The examinations were as follows :—

Sputa for Tubercle Bacilli	...	156
Milk Examinations	...	94
Throat Swabs for Diphtheria	...	31
Blood for Wassermann tests	...	10
Films for Gonococci	...	9
Sewage and Water Analysis	...	4
Urine (General and Bacteriological)		4
Flavis for Ringworm (Collected by School Nurse)	...	2
Differential Blood Counts	...	2
Miscellaneous	...	2
		<hr/> 314 <hr/>

In addition the following specimens were received from Loughborough Venereal Diseases Clinic :—

Films for Gonococci	...	39
Blood for Wassermann Tests	...	30
Film for S. Pallida	...	1
		<hr/> 70 <hr/>
Total	...	<hr/> 384 <hr/>

Housing.

No. of New Houses Erected during the year :—

(a)	Total number including numbers given separately under (b)	78
(b)	With state assistance under The Housing Acts	70
(1)	By the Local Authority	42
(2)	By other Bodies or Persons	28

No. of New Houses Erected.

1920	...	35
1921	...	115
1922	...	62
1923	...	30
1924	...	59
1925	...	81
1926	...	78
		<hr/>
Total		460

Unfit Dwelling Houses.

The total number of houses inspected for housing defects during the year, Public Health or Housing Acts,—526. Nuisances were found in 425 of these; the chief defects being :—dirty houses, defective floors, defective windows and doors, overcrowding, defective yard paving, etc. On notices being sent these defects were remedied; 5 were found to be so dangerous or injurious to health as to be unfit for human habitation.

Scavenging.

The amount of work accomplished under this heading will be seen from the Sanitary Inspector's Report attached hereto.

Sanitary Inspection of the Area.

Total No. of complaints received during the year	...	80
„ „ inspections made for all purposes	...	10237
„ „ notices served 458. Informal 421. Statutory 37		
„ „ Summons issued	... ..	4
„ „ convictions obtained	... ..	4

Smoke Abatement.

Nuisances were abated in 3 cases during the year.

Schools.

The Sanitary conditions of the Schools in the Borough is good. The water supply in all of them is obtained from the mains. The Medical examination of school children is carried out under my supervision. The amount of work accomplished under this heading will be noted from School Report attached hereto. A careful lookout is kept by the teachers, nurses and myself for cases of Infectious Diseases amongst the children attending school.

Milk and Dairies Amendment Act.

A large amount of work has been carried out under this Act. On the New Register there are 53 Retailers and 20 Wholesale traders and Producers. These receive the constant attention of your Inspector and myself. 281 inspections have been made during the year. 94 samples were taken for Bacteriological examination; these were graded as Good 54, Fair 21, Moderate 4, and Bad 15.

Factory and Workshop Act.

The total number of Inspections of Factory and Workshops was for the year ending December 31st, 1926, 166, (10 Factories and 156 Workshops); 8 nuisances were found existing:—Insufficient closet accommodation, Intervening Ventilated space and dirty; on notices being sent the nuisances were remedied.

2 W.C.s provided.

3 Intervening Ventilated space provided.

2 Bakehouses were limewashed.

1 Dust Bin provided.

Report of Veterinary Surgeon for 1926.

The following is the result of dairy inspection for the year 1926. 52 Inspections were made and 607 Cows were examined. 2 Cows were found to be defective.

Notification of Births Act, 1907.

This Act is carried out by the Local Authority. A Nurse has been appointed to visit and instruct parents in all cases. The amount of work accomplished during the year will be seen from the Nurse's report attached hereto.

Infant Welfare.

Attached is the report of the Health visitor from which will be seen the amount of work carried out. The Infantile Death rate is 67.1 per 1000 births registered as compared with 72.9 per 1000 last year and 14 below the average of the past five years.

Appended is the Sanitary Inspector's Report, Report of School Medical Officer to the Loughborough Education Committee of Schools in the Borough, Tabulated Statistics as to population, Birth and Mortality for the past five years, also of Infectious Diseases notified, and of Deaths of Infants under one year of age.

Copies of this report will when printed be sent to the Ministry of Health, the Home Office and the Leicestershire County Council.

I am, Ladies and Gentlemen,

Your obedient Servant,

N. B. M. BLACKHAM,

Medical Officer of Health.

BOROUGH OF LOUGHBOROUGH.

Year.	Population estimated to Middle of Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un- corrected Number.	Nett.		Number.	Rate.	of Non- residents registered in the district.	of Resi- dents not registered in the district.	Under 1 Year of age		At all Ages.	
			Number.	Rate.					Number.	Rate per 1000 Nett Births.	Number	Rate.
1922	26,400	518	518	19·6	325	12·3	27	15	44	84·9	312	11·8
1923	26,480	507	507	19·1	310	11·7	28	9	43	84·8	291	10·9
1924	26,550	459	459	16·9	313	11·7	26	24	34	74	311	11·7
1925	26,530	425	425	16·0	322	12·1	31	14	31	72·9	305	11·4
1926	26,450	432	432	16·3	298	12·2	29	17	29	67·1	286	10·8

TABLE X.—Birth-rate, Death-rate, and Analysis of Mortality during the year 1926.

(Provisional figures. The rates for England and Wales have been calculated on a population estimated to the middle of 1926, while those for the towns have been calculated on populations estimated to the middle of 1925. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns.)

	BIRTH-RATE PER 1,000 TOTAL POPULA- TION.	ANNUAL DEATH-RATE PER 1,000 POPULATION.										RATE PER 1,000 BIRTHS.		PERCENTAGE OF TOTAL DEATHS.		
		All Causes.	Enteric Fever.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Violence.	Diarrhoea and Enteritis (under Two years).	Total Deaths under One Year.	Causes of Death certified by Registered Medical Practitioners.	Inquest Cases.	Uncertified Causes of Death	
England and Wales -	17·8	11·6	0·01	0·00	0·09	0·02	0·10	0·07	0·22	0·47	8·7	70	91·8	7·2	1·0	
105 County Boroughs and Great Towns, including London.	18·2	11·6	0·01	0·00	0·12	0·02	0·10	0·10	0·22	0·43	11·8	73	92·0	7·5	0·5	
158† Smaller Towns (1921 Adjusted Populations 20,000-50,000).	17·6	10·6	0·01	0·00	0·07	0·02	0·11	0·06	0·23	0·40	6·6	67	92·6	6·3	1·1	
London	17·1	11·6	0·01	0·00	0·20	0·02	0·05	0·12	0·17	0·48	11·8	64	90·6	9·4	0·0	

† Hanwell U.D. having been added to Ealing M.B. on the 1st October, 1926, the figures relate to 158 towns for the first nine months and to 157 towns for the rest of the year.

CIVILIANS ONLY.

Causes of Death in LOUGHBOROUGH M.B. 1926.

All Causes			M. 157	F. 129
1.	Enteric Fever	...	—	—
2.	Small Pox	...	—	—
3.	Measles	...	—	2
4.	Scarlet fever	...	1	—
5.	Whooping Cough	...	3	3
6.	Diphtheria	...	1	1
7.	Influenza	...	2	2
8.	Encephalitis lethargica...	...	—	1
9.	Meningococcal meningitis	...	—	—
10.	Tuberculosis of respiratory system	...	9	10
11.	Other tuberculous diseases	...	4	1
12.	Cancer, malignant disease	...	16	14
13.	Rheumatic Fever	...	1	2
14.	Diabetes	...	1	1
15.	Cerebral hæmorrhage, &c.	...	11	12
16.	Heart Disease	...	21	17
17.	Arterio-sclerosis	...	4	1
18.	Bronchitis	...	7	5
19.	Pneumonia (all forms)	...	8	7
20.	Other respiratory diseases	...	1	1
21.	Ulcer of stomach or duodenum	...	3	2
22.	Diarrhœa, &c., (under 2 years)	...	—	1
23.	Appendicitis and typhlitis	...	—	—
24.	Cirrhosis of liver	...	4	1
25.	Acute and chronic nephritis	...	3	2
26.	Puerperal sepsis	...	—	1
27.	Other accidents & diseases of pregnancy and parturition	...	—	1
28.	Congenital debility and malformation, 'premature birth'	...	11	4
29.	Suicide	...	5	2
30.	Other deaths from violence	...	2	3
31.	Other defined diseases	...	38	32
32.	Causes ill-defined or unknown	...	1	—
Special causes (included above)				
	Poliomyelitis	...	—	1
	Polioencephalitis	...	—	1
Deaths of Infants under 1 year			16	13
} Total			1	1
} Illegitimate				
TOTAL BIRTHS			241	191
Legitimate			234	186
Illegitimate			7	5
POPULATION...			26,450	

BOROUGH OF LOUGHBOROUGH.

Infectious Diseases Notified. Classified according to ages. For year 1926.

	Total Cases Notified.	Cases Admitted to Hospital.	Total Deaths.	Ages of Cases Notified.										
				Under 1 Year.	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45 and upwards
Scarlet Fever ..	84	71	1	—	4	2	7	10	33	16	7	4	1	—
Diphtheria ..	30	18	2	—	—	1	1	3	14	2	2	6	—	1
Chicken Pox ..	131	—	—	8	12	7	7	20	61	11	3	2	—	—
Encephalitis Lethargica ..	1	—	1	—	—	—	—	—	—	—	—	—	—	1
Acute Polio Myelitis ..	6	—	1	—	—	2	1	—	2	—	—	—	—	1
Acute Polio Encephalitis ..	1	—	1	—	—	—	—	—	1	—	—	—	—	—
Erysipelas ..	10	—	—	—	1	—	—	—	—	—	—	1	1	7
Pneumonia ..	1	—	15	—	—	—	—	—	—	—	—	1	—	—
Puerperal Septicemia ..	1	—	1	—	—	—	—	—	—	—	—	1	—	—
Pulmonary Tuberculosis ..	48	—	19	—	1	—	—	—	—	2	8	18	11	8
Other Tuberculosis Diseases	5	—	5	—	—	—	—	—	1	1	1	1	1	—
Ophthalmia Neonatorum ..	1	—	—	1	—	—	—	—	—	—	—	—	—	—

TUBERCULOSIS.

NEW CASES.

DEATHS.

<i>Ages</i>	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	<i>Male</i>	<i>Female</i>	<i>Male</i>	<i>Female</i>	<i>Male.</i>	<i>Female</i>	<i>Male.</i>	<i>Female</i>
0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0
5	0	0	1	0	0	0	1	0
10	1	1	1	0	0	0	0	0
15	4	4	1	0	0	3	0	0
20	3	5	0	0	1	3	0	0
25	6	4	1	0	0	2	0	0
35	7	4	0	0	2	0	1	0
45	7	0	0	1	2	1	0	0
55	1	0	0	0	4	1	0	0
65 and upwards.	0	0	0	0	0	0	0	0
Totals	30	18	4	1	9	10	2	0

Report of School Medical Officer.

**To the Chairman and Members of the Loughborough
Education Committee.**

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present to you my Annual Report on the Medical Inspection of School Children for the year ended 31st December, 1926.

Staff of School Medical Service.

Medical Officer, Assistant Medical Officer and two Nurses.

Medical Inspections.

Medical Inspections are held at each School periodically. The total number of children examined during the year was 1128, of which 341 were found to be defectives and most of these were re-examined after an interval of treatment or observation. 80 Special Cases have been examined at the Clinic. These are cases which have been singled out by the Teachers or have come under the observation of the Nurses during their regular visits to the Schools or as the result of the visits to homes in the course of co-operation with the Attendance Officer.

Tonsils and Adenoids.

I am indebted to Hospital Staff for their attention to those cases requiring operative treatment.

Minor Ailments.

The Clinic continues to open each morning from 9 to 11 o'clock for the treatment of Minor Ailments, Dressings, the supply of Medicines (in certain necessitous cases) and for Medical advice on Tuesday and Friday mornings; Tuesday and Wednesday afternoons for Dental Treatment; Friday afternoon for eye refractions.

The Clinic was opened	208 times.
No. of New Cases	888
No. of Attendances	4825

Certificates of fitness for part-time employment have been issued in 107 cases and refused in 2 cases on account of physical unfitness.

Ringworm.

57 cases have been treated at the Clinic and though they have been, for the most part, of a mild character, a few have been very obstinate indeed and I think it would be a great advantage if arrangements could be made with the Leicester Hospital for such scalp cases in future to be X-rayed there.

Scabies.

Not a Single case has appeared during the year. This is very satisfactory in view of its prevalence a few years ago.

Impetigo.

This has been rather more in evidence than during last year, several cases being very bad, involving prolonged absence from School and making a big call on the Nurses time, treatment at home being in some cases impracticable. No doubt the recent unemployment and consequent deprivations are responsible for the increase, the disease being closely associated with nutritive disorders.

Cleanliness.

I am pleased to note that on the whole there is a decided improvement in general cleanliness. 56 examinations have been made in the Schools by the Nurses and the number of children examined 7147. 14 children have been excluded from School on account of verminous heads. 9 cases were reported to the N.S.P.C.C. Inspector in respect of 15 children

Condition of Girls' Hair.

Church Gate	96% clean
Cobden Street Girls'	95% „
Cobden Street Infants'	97% „
Shakespeare Street Girls'	90% „
Shakespeare Street Infants'	93% „
Rosebery Street Girls'	96% „
Rosebery Street Infants'	97% „
Rendell Street Girls' and Infants'	96% „
Emmanuel Girls' and Infants'	98% „
St. Mary's Girls and Infants'	92% „
Warner Girls' and Infants'	98% „

Eye Refractions.

The Clinic has been opened 33 times for the examination of 93 cases of defective vision. In 91 instances spectacles were prescribed, 39 of which required a change of glasses. 10 children have been referred to an Eye Specialist for treatment.

Cripples' Guild.

During the year 18 cases have been receiving treatment at this Institution and in 7 instances the Committee have made themselves responsible for payment.

General.

The several Schools in the Area, both Council and Non-Provided have, during the year, been kept in a satisfactory condition of cleanliness. The ventilation, warming and sanitary arrangements are generally good.

The School Nurses have worked in co-operation with the Sanitary Department of the Town Council and have regularly reported to the Borough Inspector of Nuisances cases of over-crowding and dirty houses which have come under their notice.

The assistance of the local Inspector of the N.S.P.C.C. in dealing with unsatisfactory parents has been useful and is appreciated.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

N. B. M. BLACKHAM,

School Medical Officer.

*25, Victoria Street,
Loughborough,
March, 1927.*

Report of School Dentist.

To the Medical Officer of the Loughborough Education Committee.

Dear Sir,

I beg to submit to you the report of the School Dental work during the year 1926.

Children to the number of 2225 were inspected. Of these I marked down for treatment 975, but only of those whose permanent teeth were decayed or whose temporary teeth were liable to cause suffering and ill health.

The number of those who came for treatment, 543, shows a small increase in the percentage of those consenting to treatment.

In addition to these 239 were treated as special cases, being sent to the Clinic either by the Medical Officer, School Nurses or by the parents.

This number shows an increase of 43 over previous years and is a gratifying mark of the growing popularity of the dental Clinic among children suffering from toothache.

There were 15 Sessions devoted to inspection work and 58 Sessions to treatment.

Permanent teeth filled 346, permanent teeth dressed 11.

Permanent teeth extracted 186 and temporary teeth extracted 914.

Teeth were extracted for two patients under a general anæsthetic given by the Medical Officer. Nearly twice the number of permanent teeth were extracted during the year. This was due to the fact that it was the first time that children of the ages of 10, 11 and 12 years were inspected and treated. If I had been able to follow up the treatment of these children continuously from the age of 6 years, many of these teeth would not have been lost.

It is too early to make any report on the advantage gained from the chart which we now keep for every child who is inspected but I hope by this means to be able to trace the need of dental treatment and the work actually done for every child during its School life.

Yours faithfully,

G. W. STOREY,

L. D. S. (Eng.)

15, High Street,
Loughborough.
March, 1927.

Report of the Health Visitor for the Year ending December, 1926.

	BOYS.	GIRLS.	TOTALS.
Births Registered	241	191	432
Notifications Received within 36 hours of Birth	241	189	430
Stillborn	13	3	16
Births not notified	—	—	27
Illegitimate	6	6	12
Notifications not necessary to visit	—	—	24
Visits paid by Health Visitor	—	—	2126
Number of Children kept under observation constantly visited			75
" " in respect of Children's Act		14	170
" times Centre has been opened—		—	95
" Attendances made	—	—	5272
" New Mothers	—	—	204
" Mothers Ante Natal at Centre	31,	average visits	279
" " visited	49,	" "	196
Ophthalmic Cases	—	—	1

Owing to the Girls' Club, Biggin Street closing down on March 25th, 1926, the Centre had to obtain new premises. Great difficulty was experienced by the Committee in finding a room large enough and accommodation for the prams. For several weeks a room at the Town Hall was used which was most unsuitable for the work, but was the best that could be arranged. In May we opened at the Lecture Hall, Baxter Gate, the days having to be altered to Tuesday and Friday, time being 1-30 to 4-30, Dr. attending on Friday 2-30. Friday is certainly not an ideal day for a Welfare to be held as many working class mothers have extra duties at the end of the week, but they become accustomed to it and attend better than was at first anticipated.

The number of attendances fell from 625 in March to 270 in April.

Our present premises are most suitable, the room being large, light and airy, and the numbers are now coming back to what they were.

The Committee fitted up new cupboards and supplied many things that were necessary for the work to be efficiently carried out. Everything is now most satisfactory and the Centre coming into its own again.

Dried Milk is still supplied, the sale not being quite so large, as more children are being breast fed. Many mothers who are nursing their babies are taking the food, it being easy to make and inexpensive. Virol is also sold in good quantities for nursing mothers.

Roboline, Crystalax, Medical Paraffin, Emulsion, Codliver oils Ferri Phos, are sold at a cheap rate, being given to necessitous cases under the supervision of the Medical Officer. Dressings and ointments are given where necessary.

The clothing stall is much appreciated, mothers buying many useful garments for a few coppers. Woollen vests and body belts are knitted by the ladies of the stall and sold for the cost of the wool. Unfortunately we have very few children's clothes sent, so few children being born in homes where they are in a position to give away.

Books and Leaflets are sold and given, talks are given by the Health Visitor and mothers are encouraged to talk on health subjects and to ask questions and express themselves quite freely to the Lady Helpers and the Health Visitor.

The social side is not forgotten. A tea was given to the mothers on January 10th, a good class concert preceded the tea which was thoroughly enjoyed by 100 mothers.

A Film was also shown in that month at the Victory Cinema (it being lent free of charge). All mothers of the town were admitted free, it being well attended. Dr. Coward of Leicester spoke very encouraging words to the mothers present, especially pointing out the knowledge and benefit to be obtained by attending a Welfare Centre.

In June we had our Annual Outing for mothers attending the Centre, leaving the Town Hall by special buses at 2-30 for Longcliffe Woods, a lovely part of Charnwood Forest. A Gentleman of the town kindly lent a large lorry that held 50 prams, so that mothers could be free to wander about without the fag of carrying a baby, one pram being used for two children. We provided our own tea which was a good one, the accommodation at the farm being excellent, as much milk as the children cared to drink being allowed.

Sports were held during the evening, many prizes given. 120 mothers were present and a great many children, many having to bring two with them. We arrived back at 8-30 all feeling more than satisfied with the enjoyable afternoon. The weather was all one could desire. No mishap whatever occurred for which we felt truly grateful, it being an anxious time for those who are responsible for the safety of so many.

The Chairman of the Maternity Committee, Coun. Stapleton accompanied us and presented the prizes.

In Health Week Dr. Mary Weston, of Leicester, came and addressed the mothers in our own Welfare, her subject being "The humane up-bringing of the Child" especially pointing out the necessity of obedience. It was a good address and well understood, as many mothers have quoted remarks at the Welfare that Dr. M. Weston made. A tea was afterwards given to the mothers.

The three Maternity bags are still very useful, they having been out the whole of the year.

Report of Sanitary Inspector.

SANITARY INSPECTOR'S OFFICE,

TOWN HALL, LOUGHBOROUGH.

April 5th, 1927.

To His Worship the Mayor, and Members of the Town Council.

I have pleasure in submitting for your consideration my Eighteenth Annual Report on the operations of the Sanitary Department for the year ending December 31st, 1926.

Scavenging.

The removal of household refuse has been carried out satisfactorily throughout the year. The pail closets are emptied twice weekly, the dust-bins once weekly. The ash-pits, privies and cesspools are emptied once every four weeks. I am glad that the Council have arranged to lay a sewer from Beeches Road to the Cemetery in Leicester Road to enable the houses to be connected up with the public sewer.

The total quantity of household refuse removed amounts to 8831 loads, being about the same number of loads as for 1925.

Conversions.

The Council have provided out of the rates the sum of £800 towards the cost of converting the pail closets to W.C.s. The owner of the property carries out the work under the supervision of this Department and £5 is allowed on each closet converted.

The number of pail closets converted to W.C.s amounted to 147, which leaves us with 512 yet in the Borough. 14 privies have been converted to W.C.s during the year leaving us with 7 lots at the beginning of the year.

At the time of writing this report 3 blocks have also been converted, so that we have now 4 blocks left which I am afraid will have to remain for the present, because there are neither sewers nor water supply available. In every case where conversions are carried out dust-bins are provided in lieu of the ash-pits.

Food Supply.

During the year we have destroyed 473 stones weight of diseased meat, being in my opinion unsound and unfit for the food of man. This is about 50% of the quantity that we had during 1925. The "making up" rooms have been carefully looked after and in several instances I have had to complain of the floors, walls, etc.

Milk Supply.

94 samples of milk have been submitted for bacteriological examination and of these 54 are returned as good

21	„	„	fair
4	„	„	moderate
15	„	„	bad

Subsequent samples will be taken of those not returned as good and where they are from farms outside the Borough the particulars will be handed over to the Rural Authority.

Public Health Act, 1925

Proceedings were instituted against two persons under this Act for exchanging toys for rags, etc. I am glad to be able to report that this business appears to have been stopped, because during the latter months of the year no collector has been observed carrying on this filthy trade.

Notices Served.

The total number of notices served is 458. A large amount of work has been carried out without my having to serve any notice at all. I wish to take this opportunity of thanking the Health Committee for their support throughout the year, also to my assistants for their willing help at all times.

I am, Mr. Mayor, Mrs. Stapleton and Gentlemen,

Your obedient Servant.

H. BINTCLIFFE.

HOUSE TO HOUSE INSPECTIONS.

Street.	No. of Houses.	Overcrowded.	Dirty.	Defective Yard Paving.	Defective Roofs.	Plaster off Walls.	Defective Windows.	Defective Floors.	Defective Rain Water Conductors.	Defective and Stopped Drains.	Defective and Broken Chimneys	Defective Sink Wastes.	Dilapidations.	Insanitary Sink Stones.	Defective Dust Bins.
...	2	—	1	1	2	—	2	—	—	—	—	—	—	—	—
Moor Lane	90	—	43	7	31	12	18	2	12	—	—	—	3	—	13
Burder Street	2	—	2	2	2	1	2	2	—	—	—	—	6	—	—
South Street	47	—	4	3	6	—	2	—	15	—	—	—	12	—	—
Duke Street	38	2	34	3	20	12	15	3	6	2	—	—	—	—	4
Falcon Street	4	—	2	1	2	—	1	—	1	—	—	—	—	—	—
Wellington Street	38	—	26	4	13	15	9	3	2	1	—	—	7	—	2
Hartington Street	23	—	8	3	2	—	1	—	—	—	—	—	—	—	—
Rosebery Street	59	2	32	—	13	—	—	—	9	—	—	—	8	2	7
Morley Street	8	—	8	2	8	—	3	7	—	—	—	—	6	—	—
William Street	4	—	3	1	2	4	2	1	—	—	2	—	3	—	—
Ashby Road	2	—	2	1	2	—	1	—	1	—	—	—	3	—	—
Fennel Street	2	—	2	1	2	—	1	—	—	—	—	—	—	—	—
Totals	317	4	165	28	103	44	56	18	46	3	3	4	48	2	26

SUMMARY OF WORK DONE.

Number of Notices issued	458
„ Notices complied with	417
„ Houses re-inspected	277
„ House to house inspections	526
„ Infected houses visited	297
„ „ rooms sprayed	207
„ „ „ fumigated	134
„ „ „ washed and stripped	78
„ Lots of Bedding stoved at farm	152
„ „ „ destroyed at farm	26
„ Samples of Milk submitted for Bacteriological examination	94
„ Drains and other inspections	5821
„ Complaints received	80
„ Communications <i>re</i> Dust removals	31
„ Common lodging houses inspected	36
„ Factories, Workshops & Bakehouses inspected	166
„ Dairies, Cowsheds and Milkshops inspected	281
„ Slaughterhouses inspected	2654
„ Vans	25
„ Outworkers	107
„ Petrol Stores	33
„ Offensive Trades	118
„ Smoke observations	14
„ Animals improperly kept	2
„ Accumulations of Manure	2
„ Drains tested	193
„ Schools inspected	6
„ „ disinfected	8
Legal Proceedings	4
Food seized	18 Stones Beef

Food surrendered:—

Beef	322	stone weight
Pork	124	„
Mutton	10	„
Veal	17	„
Ox Tongue	18 lbs.	„
Pears	5	Crates
Chitterlings	4	stone weight
Potatoes	4 tons 18 cwt.	„
Apples	8	barrels
Apricots.....	4	cases
Cherries	12	skeps
Gooseberries	32	„
Lobster	1	tin
Plums	5	crates
Total number of loads	8831	
„ of loads of Dry Ashes	8076	
„ „ „ to Destructor.....	6334	
„ „ „ „ Park Road Tip	1742	
„ „ Night Soil and Pan Manure	755	

Drains taken out	6
New drains laid	207
Drains stopped and cleansed	14
Drains defective	18
Gullies affixed	25
Sink drains disconnected	2
Sink wastes repaired	17
New Sinkstones	11
Water laid on	4
Accumulations of Manure	6
„ Rubbish	2
Yard surface repaired	18
Water Conductors repaired	56
Water Cisterns cleansed	6
Water Closets repaired	58
Closet Doors repaired	2
Dilapidated Doors and Windows repaired	63
Floors repaired	19
Yards paved	15
Dirty Yards	4
Animals improperly kept	2

Wells filled	1
Rabbits and Fowls kept	6
Overcrowded Houses	2
Dirty houses cleansed	266
Dirty cellars	11
Water in cellars	6
Roofs repaired	98
Insanitary Soil Pipes reconstructed.....	6
Damp Walls	4
Dilapidations repaired	72
Drains ventilated and disconnected	232
W.C.'s in lieu of privies	14
W.C.'s in lieu of pails	147
Ashpits dispensed with	41
Dust Bins provided	208
Rooms washed and stripped after cases of Infection	16
Closet pails provided	22
Broken chimney pots	5
Plaster off walls	18
New W.C.'s provided	4

Annual Report of the Medical Officer of Health for the Year 1926 for the Borough of Loughborough
on the administration of the Factory and Workshop Act, 1901, in connection with
FACTORIES, WORKSHOPS AND WORKPLACES.

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Occupiers prosecuted. (4)
FACTORIES ... (Including Factory Laundries)	10	6	
WORKSHOPS ... (Including Workshop Laundries)	120	—	
WORKPLACES ... (Other than Outworkers' premises)	36	2	
Total ...	166	8	None

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars. (1)	Number of Defects.			Number of offences in respect to which Prose- cutions were instituted (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness	2	2		
Sanitary accommodation—insufficient	2	2		
„ Intervening Ventilated Space	3	3		
Offences under the Factory and Workshop Acts	1	1		
Total	8	8		None

* Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

Leicestershire County Council.

Sanitary Inspector's Report.

YEAR 1926.

LOUGHBOROUGH DISTRICT.

Total No. of Complaints received during the year ...	80
„ „ Inspections made for all purposes ...	10237
„ „ Notices served ...	458
(Informal 421. Statutory 37).	
„ „ Summonses issued ...	4
„ „ Convictions obtained ...	4
Insanitary Houses (Public Health Act, 1875) ...	No. inspected ... 209
	No. cleaned... 125
Smoke nuisances ...	No. of observations ... 14
	Nuisances abated ... 3
Overcrowding ...	No. of cases found ... 41
	Nuisances abated ... 2
Offensive accumulations	No. inspected ... 8
	Nuisances abated ... 8

CLOSET ACCOMMODATIONS.

Total No. in District at the end of year :—

(1) Privies ...	...	...	...	7
(2) Pail Closets ...	...	...	...	512
(3) W.C.'s ...	...	...	...	6818
Privies (middens)				
No. of new provided	...	...	...	0
No. repaired ...	...	...	...	0
No. converted to (a) Pails	...	...	...	0
(b) W.C.'s	...	...	..	14
Pails or earth closets				
No. renewed ...	...	...	...	22
No. converted to W.C.'s	...	...	...	147
Water closets	No. provided			
(a) To existing properties	...	...	...	161
(b) To new houses	...	...	...	85

DRAINAGE AND SEWERAGE.

Defective drains, drain-traps, etc.	No. inspected	...	5821
	Nuisances abated	...	458
Cesspools	No. repaired, cleansed, &c.	...	none
	No. abolished and drains connected to sewer	...	„

SCAVENGING.

How is refuse disposed of?	...	...	...	Destructor
Is refuse destructor available?	...	...	...	Yes
Ashpits, No. of new provided	...	...	...	none
No. converted to ashbins	...	...	...	41
Ashbins, No. of new provided	...	...	...	208

WATER SUPPLY.

No. of samples taken for analysis	...	...	...	0
No. condemned	...	...	...	0
No. of wells closed	...	...	...	0
No. of wells cleansed, repaired, etc.	...	...	...	0
No. of instances where public supply was substituted for the well				0

INFECTIOUS DISEASES.

Houses, No. Inspected	...	...	...	134
No. of inspections	...	...	...	297
No. disinfected (a) Houses...	...	...	...	134
(b) Schools	...	...	...	6
What are the arrangements for disinfection of:—				
(a) bedding	...	...	Steam disinfectors	
(b) premises	...	...	Sulphur, Formalin & Izal	

<i>Regulated Buildings, Trades, &c.</i>	<i>No. in District.</i>	<i>No. registered.</i>	<i>No. of Inspections made.</i>	<i>No. of contraventions found.</i>	<i>General Conditions.</i>
Common Lodging Houses	2	2	36	7	fair
Canal Boats	23	23	28	none	good

Offensive trades :—(specify each)

Marine Stores
Fish Frying
Tripe Boiling

FOOD SUPPLY.

No. of seizures :—

(a) Meat	...	...	1
No. of summonses issued:—			
(a) Meat	...	...	1
No. of convictions obtained			
(a) Meat	...	...	1
Offender sent to gaol for 2 months without the option of a fine.			
No. of carcasses or parts of carcasses :			
(a) Seized for Tuberculosis			0
(b) Surrendered for	„		215
No. of parcels (other than meat)			
seized	...	...	0
No. of parcels (other than meat)			
surrendered	...	...	68

Private Slaughter Houses		In Jan. 1926	In Dec. 1926.
No. “registered”	...	9	9
No. “licensed”	...	6	6
General condition of slaughter houses		...	fair
		No. of inspections of premises	2654
		No. of contraventions of bye-laws	...
			none
		Has public abattoir been established?	...
			No
		No. of inspections of meat at time of slaughter	...
			2248

Meat marking	...	...	Has approval been given?	No
Meat Stalls	...	...	No. of inspections	...
				175
			No. of contraventions found	8
Meat Shops, Stores, &c.	...	...	No. of inspections	...
				126
			No. of contraventions found	1
Meat transport and Handling	...	...	No. of contraventions found	...
				2
Total No. of inspections of places where food (other than meat) is kept or prepared for sale		...	...	...
				104
No. of contraventions found		...	...	...
				none
Are existing powers adequate?		Yes, if properly carried out.		

MILK SUPPLY.—Milk and Dairies Acts and Orders.**RETAIL PURVEYORS.**

(a) Register, No. on	...	...	53
(b) Premises, Total No. of inspections made	...	...	152
(c) No. of contraventions found	...	...	2
(d) No. of premises found to require :—			
(1) Cleansing	...	...	2
(2) Structural or sanitary improvements			
			One for Grade A

WHOLESALE TRADERS AND PRODUCERS.

(a) Register, No. on	...	...	20
(b) Premises, No. of inspections made:—			
(1) Total	...	...	129
(2) During milking time	...	...	48
(3) No. of contraventions found	...	...	2
(4) No. of premises found to require :—			
(a) Cleansing	...	...	1
(b) Structural or Sanitary improvements			1

No. of samples of milk taken for Bacteriological examination	...	94
Total No. of Milch Cows in the District	...	154
Legal proceedings—(a) No. of summonses issued		none
(b) No. of Convictions obtained		none

Veterinary Inspections of Milch Cows :—
 (To 30th September, 1926)

(1) Total No. made	Inspections	...	52
Cows examined...	...	...	607
(2) No. of Milch Cows found to be suffering with			
(a) General Tuberculosis	...	...	0
(b) Tuberculosis of Udder	...	...	1
(c) Other diseases	...	...	1

State method of disposal of Cows affected with above diseases :—

	(b) Reported to Police and destroyed by	
County Council.	(c) Milk destroyed pending recovery.	
State types of apparatus licensed for the pasteurisation		
of milk (if any)	...	none

FACTORY AND WORKSHOPS ACT, 1901

Workshops	No on register (to include bakehouses)	84
	No. of nuisances abated	6
Bakehouses	No. on register	24
	Sanitary condition	fair
	No. of nuisances abated	2
Homework	No. of outworkers	63
Legal Proceedings	No. of summonses issued	none
	No. of convictions obtained	none

BYE-LAWS AND REGULATIONS.

Acts adopted during year	...	...	...	none
Bye-laws and Regulations adopted during year	...	...	...	none

Housing. Year ending 31st December, 1926.

Statistics for the year 1926 should be given in the following form. Care should be taken not to include any dwelling-house twice in the figures given under any of the heads; for example a defective house remedied twice during the year should be counted once only.

No. of New Houses erected during the year :—

(a) Total (including numbers given separately under b)	...	...	...	78
(b) With State assistance under the Housing Acts				
(1) By the Local Authority	...	...	...	42
(2) By other bodies or persons	...	...	...	28

UNFIT DWELLING HOUSES.**I.—Inspection.**

1. Total No. of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	...	526
2. No. of dwelling houses which were inspected and recorded under the Housing Consolidation Regulations, 1925	...	317
3. No. of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	5
4. No. of dwelling houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	...	374

II.—Remedy of Defects without Service of formal Notices.

No. of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	337
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III.—ACTION UNDER STATUTORY POWERS.**Proceedings under Section 3 of the Housing Act, 1925.**

1.	No. of dwelling houses in respect of which notices were served requiring repairs	...	...	37
2.	No. of dwelling houses which were rendered fit after service of formal notices:—			
	(a) By Owners	...	...	37
	(b) By Local Authority in default of Owners			none
3.	No. of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by Owners of intention to close	...	...	2

(b) Proceedings under Public Health Acts.

1.	No. of dwelling houses in respect of which notices were served requiring defects to be remedied	...	209
2.	No. of dwelling houses in which defects were remedied after service of formal notices:—		
	(a) By Owners	...	209
	(b) By Local Authority in default of Owners		none

(c) Proceedings under Sections 11, 14 and 15 of the Housing Act, 1925.

1.	No. of representations made with a view to the making of Closing Orders.	...	...	5
2.	No. of dwelling houses in respect of which Closing Orders were made	...	...	5
3.	No. of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit	...	...	1
4.	No. of dwelling houses in respect of which Demolition Orders were made	...	...	none
5.	No. of dwelling houses demolished in pursuance of Demolition Orders	...	...	none

H. BINTCLIFFE,

Sanitary Inspector.

N. B. M. BLACKHAM,

Medical Officer of Health.

April 5th, 1927.

